Work Order ID 54461 December 9, 2009 12:42:19 PM													
Revision ID: Item Name:	03990-1 Cable Guard	Start Qty:		Accept	C: st Item			s	etup Start Stop				
Required Date: 1 Reference:	6/12/2009	R.q'd Qty:	5.00		Customer:		_	מ	kun Start	. 11 88 			
	Process Plan:	:_ <i>K</i>	Date:	2)ate:)ate:		r	Stop	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Sequence ID/ Work Center ID		Operation Description		Set Up/ Run Hour	Draw S Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp		
Draw Nbr	Revis	ion Nbr						·					
D3990	A						<u> </u>						
Waterjet			emo at Blank as per File d3990-	0.00 0.00		•		B	9-12-	((
110 HAAS 1 HAAS CNC vertical		M M Fo	iemo achine as per Folio FA845 blio Rev: 4 4	0.00	mkogliz/2	2/		7	0				

Deburr as per Dwg

Dart Aerosi	pace Ltd
-------------	----------

W/O:	W/O: WORK ORDER CHANGES											
DATE	STEP		PROCEDURE CHANGE					Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
	-					· · · · · · · · · · · · · · · · · · ·				-		
Part No):	3990-1	PAR #: _	NA.	Fault Category:	PROD-Eng.	Courd	R: Yes	No DQ	A: LA	Date: _	(0.01.05
					Disposition:			·	losed:			

NCR: ≤	4461	W	WORK ORDER NON-CONFORMANCE (NCR)										
5475		Description of NC		Corrective Action Section B	Verification	Annuoval							
	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector					
<i>બ્લો</i> ટોગ	110	1 pert, the two counter bor are too wide of . 010" over taletrance. P.C. program error.	ed /	Parts Acceptable Acesust the Monogram	J (S. 09/12b)	and 01/2/21	Losiun	65.12.2					
								 -					

NOTE: Date & initial all entries

Item ID:

D3990-1

Revision ID:

Cable Guard Item Name:

Start Date:

09/12/2009

Start Qty: 5.00

Req'd Qty: 5.00 **Required Date: 16/12/2009**

Date:

Accept



Setup Start

Stop



Cust Item ID:

Customer:

Reference:

	nn	ro	vo.	le.
A	DD	ro	va.	ıs:

QC: ___

Process Plan: _____ Date: ____

Tooling:

SPC (Y/N):

0.00

Date: Date: Run

Start

Stop



Sequence ID/ Work Center ID

120

QC

Quality Control

Operation Description

QC2- Inspect parts off machine FAI/FAIB

Memo

Set Up/ **Run Hours** Draw

0,00 ml 09/12/21

Rev. Number

Draw Plan Code Accept Qty

Reject **Qty**

Reject Number Stamp

Insp.

H.A 09/12/29

130

QC Quality Control Memo

Memo

OC8- Inspect parts - second check

0.00

140

Packaging

Packaging

Identify as per dwg & Stock Location:_____

0.00

0.00

Work Order ID 54461

Page 3

December 9, 2009 12:42:19 PM

Required Date: 16/12/2009

Item ID:

D3990-1

Accept



Setup Start



Stop

Item Name: **Start Date:**

Revision ID:

Cable Guard

09/12/2009

Start Oty: 5.00 Reg'd Oty: 5.06:

Cust Item ID:

Customer:

Draw

Number

Reference:

Approvals:

Process Plan:

OC:

Date:

Date:

Tooling:

SPC (Y/N):

Date:

Start

Stop

Sequence ID/

Work Center ID

150

Quality Control

Operation Description

OC21- Final Inspection - Work Order Release

Memo

Set Up/ **Run Hours**

0.00

0.00

Date:

Plan Draw Code Rev.

Accept Otv

Reject Oty

Run

Reject Number Stamp

Insp.

U 99.12.30

December 9, 2009 12:42:27 PM

Work Order ID: 54461

Parent Item:

D3990-1

Parent Item Name: Cable Guard

Comments:

IPP RevA: New issue 09.09.15 DD verified by:EC

Start Date: 09/12/2009

Required Date: 16/12/2009

Start Qty: 5.00

Required Qty: 5.00

Component Item ID/	Replacement	Mfg/	Ein Primary	Last	Route	Unit of	Qty on	Remaining Qty Qty To Pick Issued	Date Status
Item Name	Item ID	Purch	Item Location	Location	Seq ID	Measure	Hand		Issued
MUHMWB1750X1000		Purchased	No		100	sf	0.0000	9.2105	B 9-17-11

X4800

I KELOREN IZ UNBER BEREK IZ BRITAR KERK KIRI KERE BINK BERK KREK KAN BERK ERIN ERIN BERK BIREK BIRK BERK BERK BERK BERK BERK

UHMW 1.75x1.00x48.00

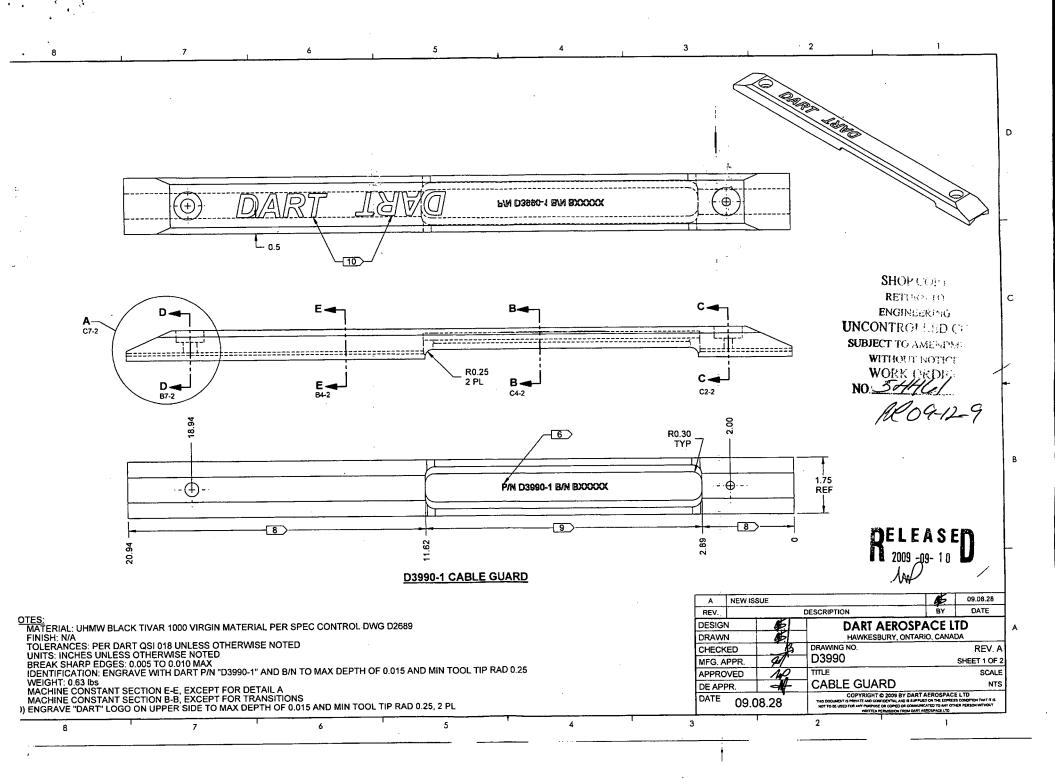
HIMI

M109186

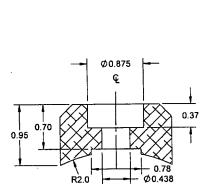
DART AEROSPACE LTD	Work Order:	5446
Description: Cable Guard	Part Number:	D3990-1
Inspection Dwg: D3990 Rev: A		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

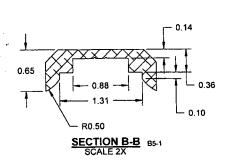
. •	X i	First Article		Prototy	oe	:
Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
20.94	+/-0.030	149,0C	L			
11.62	+/-0.030	11.63/				*•:
2.89	+/-0.030	2.906				:
1.75 REF	+/-0.030	1,75	4			
2.00	+/-0.030	2.025				
18.94	+/-0.030	18.960				,
0.5	+/-0.100	.485				
0.65	+/-0.030	1635				
0.88	+/-0.030	.884			<u> </u>	
1.31	+/-0.030	1.3/4				
0.14	+/-0.030	.140				
0.36	+/-0.030	,359				
0.10	+/-0.030	.110				110
Ø0.875	+/-0.010	Ø.88D				
0.37	+/-0.030	.375				
0.95	+/-0.030	.940				
0.70	+/-0.030	-695				
0.78	+/-0.030	1783				
Ø0.261	+0.006/-0.001	0.260				
Ø0.875	+/-0.010	6.880				
0.37	+/-0.030	.372				
0.70	+/-0.010	.695				
0.95	-+/-0.030	.946			1	
0.78	+/-0.030	. 783				
Ø0.438	+0.006/-0.001	8.438				
1.75	+/-0.030	1.752				
0.70	+/-0.030	-695				
0.95	+/-0.030	,940		1		14,
0.78	+/-0.030	.783				
R2.0	+/-0.100	R2-00		-		
Measured by:		udited by:	4.C	P	rototype Approva	
Date:	9-12-11 01/2/21	Date: 0	7/2/29		Date	
Rev Date	Change				Revised	
A 09.11.11					KJ ϕ	A

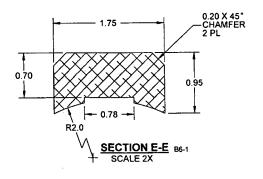


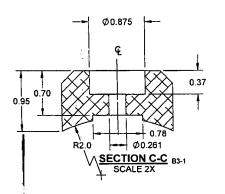
0.64 2 PL 0.063 DETAIL A SCALE 2X



SCALE 2X







RELEASE 10 L

D

С

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA DESIGN DRAWN DRAWING NO. CHECKED REV. A D3990 MFG. APPR. SHEET 2 OF 2 TITLE APPROVED SCALE **CABLE GUARD** DE APPR. COPYRIGHT © 2009 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLED ON THE DOWNESS CONDITION
HOT TO BE USED FOR ANY PURPOSE OR COMPANIANCE TO ANY OTHER PERSON
TO THE PERSON OF THE PERS DATE 09.08.28

3

2

7

Č

.

2

.

8